



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

Michael O. Leavitt  
Governor

Lowell P. Braxton  
Division Director

## INSPECTION REPORT

Partial:\_\_\_ Complete: XXX Exploration:\_\_\_

Inspection Date & Time: 8/25/99 / 8:30a.m.-2:00p.m.

Date of Last Inspection: 7/22/99

Mine Name: Deer Creek Mine County: Emery Permit Number: ACT/015/018 <sup>x5</sup>

Permittee and/or Operator's Name: PacifiCorp

Business Address: P.O. Box 310, Huntington, Utah 84528

Type of Mining Activity: Underground XXX Surface\_\_\_ Prep. Plant\_\_\_ Other\_\_\_

Company Official(s): Dennis Oakley

State Officials(s): Pete Hess Federal Official(s): None

Weather Conditions: Partly Cloudy, Some Showers, 80's

Existing Acreage: Permitted-17,826.85 Disturbed-95.79 Regraded-\_\_\_ Seeded-\_\_\_ Bonded-95.79

Increased/Decreased: Permitted-\_\_\_ Disturbed-\_\_\_ Regraded-\_\_\_ Seeded-\_\_\_ Bonded-\_\_\_

Status: Exploration/ XXX Active/ Inactive/ Temporary Cessation/ Bond Forfeiture

Reclamation (Phase I/ Phase II/ Final Bond Release/ Liability Year)

### REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

#### Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
  - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
  - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	EVALUATED	N/A	COMMENTS	NOV/ENF
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4th Quarter-April, May, June)_____ (date)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**INSPECTION REPORT**  
(Continuation sheet)

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PERMIT NUMBER: **ACT/015/018**

DATE OF INSPECTION: **8/25/99**

(Comments are Numbered to Correspond with Topics Listed Above)

4a. HYDROLOGIC BALANCE: DIVERSIONS

The diversion ditch on the eastern edge of the parking lot area of the main mine facilities has silted in; it was carrying a fairly significant flow when observed this day. It was recommended to Mr. Oakley that the ditch be redefined for future events.

4b. HYDROLOGIC BALANCE: SEDIMENT PONDS AND IMPOUNDMENTS

Second quarter impoundment inspections for the mine site and waste rock disposal sediment ponds were conducted on June 11, 1999. No hazardous conditions were reported. The information was forwarded to the SLO-UDNR/OGM on July 9, 1999.

4c. HYDROLOGIC BALANCE: OTHER SEDIMENT CONTROL MEASURES

Intense storms in the vicinity of the active waste rock site have damaged several of the silt fences in the area, rendering them incapable of functioning. Sediment loading has pushed over several fences. Basins have been completely filled and bypassed. A high water mark in one of the undisturbed drainages is indicative of incredibly high flow volumes for the area.

The permittee has taken extraordinary measures to repair these fences as quickly as possible; however, storm frequency and intensity has not diminished as of late. The silt fence which runs parallel with the toe of the northern slope is a particular problem area. Undisturbed area drainage is running over this fence, destroying it. The permittee is evaluating the current design to see if additional measures may be worth while.

It may be advantageous for the permittee to install a rain gauge at the active waste rock site to determine storm intensity. If the design event for the site is exceeded, then the permittee should not have to spend additional money to enhance the north slope design.

4d. HYDROLOGIC BALANCE: WATER MONITORING

Discharge monitoring reports for the months of April, May and June were reviewed. All reports were submitted in a timely fashion. UPDES point 002A had an exceedance in iron of 0.1 mg/l; same was reported to DEQ/DWQ in normal fashion.

The Utah Division of Water Quality sampled effluent from UPDES 001A on April 13, 1999. Based on that Agency's response to the permittee, no problems were noted with any of the test parameters.

The second quarter water monitoring report for the Deer Creek Mine was submitted to the SLO-UDNR/OGM on August 12, 1999. There were no unusual conditions observed in the data which was reviewed.

**INSPECTION REPORT**  
(Continuation sheet)

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7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS

The second quarter waste rock site inspection(s) for the active waste rock site, the original site, and the Elk Canyon coal storage pad were conducted by Mr. John Christensen, P.E., and Mr. Rick Cullum on June 16, 1999. No hazardous conditions or other unusual circumstances were reported for any of the three sites. The reports were P.E. certified by Mr. Christensen.

Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas, and Mining.

Copy of this Report:

Mailed to: Chuck Semborski (PacifiCorp) Henry Austin (OSM)  
Given to: Joe Helfrich (DOGM) Price Field Office  
Date: September 2, 1999

Inspector's Signature:  #46  
Peter Hess